Claims

1. Method of storing solar energy with reducing the CO_2 content of air, characterized by the method steps of:

   (a) producing by photosynthesis an amount of biomass capable of forming charcoal;

   (b) converting the amount of biomass into charcoal;

   (c) permanently storing a substantial fraction of the charcoal and

   (d) converting only the remaining portion of the charcoal into energy or an energy source.

2. Method according to claim 1, characterized in that the remaining portion of the charcoal is utilized for producing hydrogen.

3. Method according to claim 1 or 2, characterized in that the charcoal storage is effected under an inert gas.

4. Method according to claim 3, characterized in that CO_2 is used as the inert gas.

5. Method according to any one of claims 1 to 4, characterized in that the charcoal is stored in mine cavities.